

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 20558  
Application ID: 10065985  
Title of Invention: METHOD, SYSTEM AND  
APPARATUS FOR COOLING HIGH  
POWER DENSITY DEVICES  
First Named Inventor: Mehmet Arik  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-12-06  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 124457-1  
Digital Certificate Holder: cn=Lisa A. Bongiovi, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: NQvXlzKc0OUjTdUxgdg12Q==  
Total Fees Authorized: \$2936.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 61130  
Deposit Account Name: Lisa A. Bongiovi



## TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

124457-

1

Submission Type: Utility Patent  
Filing**METHOD, SYSTEM AND APPARATUS  
FOR COOLING HIGH POWER DENSITY  
DEVICES**

First Named Inventor: Mehmet Arik

## SUBMITTED BY

Name: Lisa A. Bongiovi  
Registration Number: 48,933  
Electronic Signature Mark: Lisa Bongiovi  
Date Signed: 20021206

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## Attached Files:

declaration  
declarationDeclarationpage1.tif  
Declarationpage2.tif

Declarationpage3.tif  
Declarationpage4.tif  
ePaveids.xml  
specification.xml  
ePavefee.xml  
ePaveapds.xml

**Attached Image File(s):**

Declarationpage1.tif  
Declarationpage2.tif  
Declarationpage3.tif  
Declarationpage4.tif

**Comments:**

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD, SYSTEM AND APPARATUS FOR COOLING HIGH POWER DENSITY DEVICES**

- ☒ the specification of which is attached hereto OR  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
☐ or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)



Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Full name of fourth joint inventor: Michael Bowman

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Citizenship:** \_\_\_\_\_

Full name of fifth joint inventor: Ronald Bunker

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Citizenship:** \_\_\_\_\_

Full name of sixth joint inventor: Charles Byrd

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Citizenship:** \_\_\_\_\_

Full name of seventh joint inventor: William Gerstler

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Citizenship:** \_\_\_\_\_

Full name of eighth joint inventor: Nirm Nirmalan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Full name of ninth joint inventor: Daniel Smith

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Citizenship:** \_\_\_\_\_

Full name of tenth joint inventor: Todd Wetzel

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Citizenship: \_\_\_\_\_



# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 2936**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1130  
Deposit Account Name: Cantor Colburn LLP



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: Lisa A. Bongiovi  
Electronic Signature Mark: lab  
Date Signed: 20021206

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	1001	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 86	1202	\$ 18	66	\$ 1188
Independent Claims: 15	1201	\$ 84	12	\$ 1008

Subtotal For Extra Claims Fees: \$ 2196